

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20040146238"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:40
L2	2	"6829398".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:42
L3	1	beam adj light adj propagat\$3 same diffus\$3 adj light adj propagat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:42
L4	1	beam adj light adj propagat\$3 and diffus\$3 adj light adj propagat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:44
L5	61	diffus\$3 adj light adj propagat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:47
L6	0	diffus\$3 adj light adj propagat\$3 same (chang\$3 alter\$3 modif\$7) near5 radiat\$3 near5 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:46
L7	1	diffus\$3 adj light adj propagat\$3 same (chang\$3 alter\$3 modif\$7) near5 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:46
L8	1	diffus\$3 adj light adj propagat\$3 same (chang\$3 alter\$3 modif\$7 adjust\$3) near5 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:47
L9	1	laser near5 diffus\$3 adj light adj propagat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:54

## EAST Search History

L10	30	laser near5 diffus\$3 near5 beam near5 (select\$3 switch\$3 choos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:01
L11	24	laser near5 select\$3 near5 beam near5 diffus\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 11:01
S1	2	"5473721".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/03 10:36
S2	4	("6215928" "4173778").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:10
S3	1924	(AWG waveguide near3 grating grating near3 coupl\$3) and planar adj waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:17
S4	60	S3 and (reduc\$5 decreas\$3 lower\$3) near3 power near5 waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:18
S5	36	S4 and gaussian	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:18
S6	33	S5 and scatter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:18
S7	27	S6 and (vary\$3 vari\$3 chang\$3 alter\$3) near5 (irregular\$3 discontinu\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:30
S8	867	(AWG waveguide near3 grating grating near3 coupl\$3) same planar adj waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:17

## EAST Search History

S9	13	S8 and (reduc\$5 decreas\$3 lower\$3) near3 power near5 waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:18
S10	6	S9 and gaussian	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:18
S11	4	S10 and scatter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:18
S12	1	S11 and (vary\$3 vari\$3 chang\$3 alter\$3) near5 (irregular\$3 discontinu\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:34
S13	20	S8 same (DBR distributed adj bragg adj reflector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:21
S14	5	(AWG waveguide near3 grating grating near3 coupl\$3) same scatter\$3 same (dbr distributed adj bragg adj reflector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 15:22
S15	1	S14 and (chang\$3 vary\$3 vari\$3 alter\$3) near5 (discontin\$5 irregular\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 16:39
S16	4	(waveguide near3 grating near3 coupl\$3) same (planar near5 waveguide) same (plural\$3 multipl\$5 several) near5 scatter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 16:42
S17	5	(waveguide near3 grating near3 coupl\$3) and (planar near5 waveguide) same (plural\$3 multipl\$5 several) near5 scatter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 16:42
S18	41	(waveguide near3 grating near3 coupl\$3) and (planar near5 waveguide) and (plural\$3 multipl\$5 several) near5 scatter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 16:44

## EAST Search History

S19	425	scatter\$3 same (vary\$3 vari\$3 chang\$3 alter\$3) near5 (discontin\$5 irregular\$3 non\$1uniform\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 16:46
S21	71	S19 same control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 16:47
S22	1	S21 and (waveguide near5 grating grating near5 coupler awg)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/30 16:47
S23	13	S19 and (waveguide near5 grating grating near5 coupler awg)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 09:16
S24	2	"20040156589"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 09:16
S25	14	("5033812" "5101459" "5132843" "5200939" "5436991" "5742433" "6285813").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:31
S26	3265	385/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:35
S27	1924	(AWG waveguide near3 grating grating near3 coupl\$3) and planar adj waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:35
S28	60	S27 and (reduc\$5 decreas\$3 lower\$3) near3 power near5 waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:35
S29	36	S28 and gaussian	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:35

## EAST Search History

S30	33	S29 and scatter\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:35
S31	27	S30 and (vary\$3 vari\$3 chang\$3 alter\$3) near5 (irregular\$3 discontinu\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:35
S32	18	S26 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:36
S33	128	S26 and (vary\$3 chang\$3 alter\$3) near3 (irregular\$3 discontinu\$5 non\$1linear\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:37
S34	5	S26 and scatter\$3 same (vary\$3 chang\$3 alter\$3) near3 (irregular\$3 discontinu\$5 non\$1linear\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 10:38
S35	10409	385/9,10,14,37,129-132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 13:10
S36	21	S35 and waveguide adj grating same bragg adj reflector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 13:05
S37	111	S35 and (waveguide adj grating awg) same (bragg adj reflector scatter\$3 dbr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 13:06
S39	33	S35 and (scatter\$3 bragg adj reflect\$3 dbr) same (chang\$3 alter\$3 variation varies vary\$3) near5 (discontin\$5 irregular\$2 non\$1linear\$2 non adj linear\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 13:15
S40	4	S37 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 13:13

## EAST Search History

S41	8	S39 and (waveguide adj grating awg)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/31 13:16
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